The drawing(s) filed (insert date)

REVIEWER

ATTACHMENT TO PAPER NO.

Form PTO 948 (Rev. 03/01) U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office

865006

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

submission of new, corrected drawings when necessary. Corrected drawing must be samitted according to the instructions on the back of this in the permitted for several properties. I. DRAWINGS. 37 CFR 1.84(a): Acceptable until petition is granted. Fig(s) Black ink. Color. Color drawings are not acceptable until petition is granted. Fig(s) Peneril and non black ink not permitted. Fig(s) Photographs may not be mounted. 37 CFR 1.84(c) Photographs may not be mounted. 37 CFR 1.84(c) Photographs may not be mounted. 37 CFR 1.84(c) Paper not flexible, strong, white, and durable. Fig(s) Erssures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable sizes: 21. SIZE of PAPER. 37 CFR 1.84(c). Acceptable sizes: 21. SIZE of PAPER. 37 CFR 1.84(c). Acceptable sizes: 21. SIZE of PAPER. 37 CFR 1.84(c). Acceptable sizes: 22. Davings sheets not have smearized. Fig(s) Davings sheets not have make a size. Step of the same size. Sheeting of the same size. SIZE A 18 Size. Size of the same size. Size of PAPER. 37 CFR 1.84(c). Acceptable sizes: 22. Size in the same size. Size of PAPER. 37 CFR 1.84(c). Acceptable sizes: 23. Size of PAPER. 37 CFR 1.84(c). Acceptable sizes: 24. Size of PAPER. 37 CFR 1.84(c). Acceptable sizes: 25. Size of PAPER. 37 CFR 1.84(c). Acceptable sizes: 26. Size of Argae space fig(s) Davings sheets not have smearized. Size in Algae space fig(s) Davings sheets not have smearized. Size in Algae space fig(s) Social black shading not permitted. Fig(s) Social black shading not seed to relate to originate in the same direction as the view. 37 CFR 1.84(p)(3) Fig(s) Social black shading not permitted. Fig(s) Numbers and reference characters must be at least not originate in the same direction as the view. 37 CFR 1.84(p)(3) Fig(s) Social black shading not permitted. Fig(s) Numbers and reference characters must be at least not orig	approved by the Draftsperson under 37 CFR 1.84 or 1.152. objected to by the Draftsperson under 37 CFR 1.84 or 1.155 submission of new, corrected drawings when necessary. Corrected	7 family and the second
Words do not appear on a horizontal, left-to-right fashion when page is either upit or turned so that the top becomes the right of turned so that the top becomes the right and non black ink not permitted. Fig(s) PRIOTOGRAPHS. 37 CFR 1.84(b) 1 full-tone set is required. Fig(s) Photographs may not be mounted. 37 CFR 1.84(e) Poor quality (half-tone). Fig(s) 3. TYPE OF PAPER. 37 CFR 1.84(c) Paper not flexible, strong, white, and durable. Fig(s) Erasures, alterations, overwritings, intertineations, folds, cupy machine marks not accepted. Fig(s) Mydrar, velum paper is not acceptable sizes: 21.0 cm by 27.0 cm (DIN size A4) 21.0 cm by 27.0 cm (IN size A4) 21.0 cm		this a second according to the instructions on the back of this a
Color drawings are not acceptable until petiton is granted. Fig(s) Pencil and non black ink not permitted. Fig(s) Photographs may no be mounted. 37 CFR 1.84(c) Photographs may no be mounted. 37 CFR 1.84(d) Fig(s) Size or be partial may be properly. Fig(s) Lines, numbers and televation may require revision to compare the may be properly. Fig(s) Lines, part, partial between the may be an independent of maying changes. Partial views. 37 CFR 1.84(d) Fig(s) Lines partial properties of the may be a least the form of the property. Fig(s) Lines partial property. Fig(s) Lines partial property. Fig(s) Lines partial property. Fig(s) Lines partial property. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Lines provided the property of the property. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sec	DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Rlack int. Color.	8. ARRANGEMENT OF VIEWS, 37 CFR 1 84(i)
Fig(s) Pencil and non black ink not permitted. Fig(s) Photographs. 37 CFR 1.84(b) Photographs may not be mounted. 37 CFR 1.84(c) Poro againly (half-tone). Fig(s) STYPE OF PAPER. 37 CFR 1.84(c) Peper not flexible. Strong, white, and durable. Fig(s) Erasures, alterations, overwritings, interlineations, folds, cupy machine marks not acceptable flow. Fig(s) Mylar, velum paper is not acceptable too thin). Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44) 21.0 cm by 2.7 cm [Oll N size 44] 21.0 cm by 2.7 cm [Oll N size 44] 21.0 cm by 2.7 cm [Oll N size 44] 21.0 cm by 2.7 cm [Oll N size 44] 21.0 cm by 2.7 cm [Oll N size 44] 21.0 cm by 2.7 cm [Oll N size 44] 21.0 cm by 2.7 cm [Oll N size 44] 21.0 cm by 2.7 cm [Oll N size 44] 21.0 cm by 2.7 cm	Color drawings are not accomplete until nation:	Words do not appear on a horizontal left-to-right fachion
2. PHOTOGRAPHS. 37 CFR 1.84(b) In Ill-lone set is required. Fig(s) Photographs may not be mounted. 37 CFR 1.84(c) Poor quality (half-lone). Fig(s) TYPE OF PAPER. 37 CFR 1.84(c) Paper not flexible, strong, white, and durable. Fig(s) Erasures, alterations, overwritings, intertineations, folds, copy machine marks not acceptable (too thin). Fig(s) ISIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.0 cm by 27.9 cm (B12 x 11 inches) All drawing sheets not an acceptable size. Sheet(s) Sheet(s) Size: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm Size: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm Size: A Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm Size: 8 1/2 x 11 MigBostot acceptable. Fig(s) Lines, numbers & letters not uniformly thick and well defined eean, dyrable, and black (poor line quality). Fig(s) Numbers, Lettrers. & REFERENCE CHARACTERS. 3 CFB 1.84(p) Numbers, Lettrers. & REFERENCE CHARACTERS. 3 CFB 1.84(p) Numbers and reference characters not orichted in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) Numbers and reference characters not orichted in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) Numbers. Reterns and reference characters must be at least 1.2 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) Lead lines, spis fig(s) Numbers. Reterns and reference characters must be at least 1.2 cm (1/8 inch) in height. 37 CFR 1.84(p) Lead lines missing fig(s) Numbers. Reterns and reference characters must be at least 1.2 cm (1/8 inch) in height. 37 CFR 1.84(p) Lead lines, spis fig(s) Numbers. Reterns and reference characters must be at least 1.2 cm (1/8 inch) in height. 37 CFR 1.84(p) Lead lines, spis fig(s) Numbers. Reterns and reference characters must be at least 1.2 cm (1/8 inch) in height. 37 CFR 1.84(p) Lead lines, spis fig(s) Numbers. Reterns and reference characters must be at least 1.2 cm (1/	Fig(s)	when page is either upright or turned so that the top
Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) Photographs may not be mounted. 37 CFR 1.84(c) Poor quality (half-note). Fig(s) Type of PAPER. 37 CFR 1.84(c) Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable from thin. Fig(s) Mylar, volum paper is not acceptable sizes: 2.1.0 cm by 2.0.7 cm (DN) size A4) 2.1.0 cm by 2.0.7 cm (DN) size A4 2.1.0 cm by 2.0 cm (DN) size A4	Pencil and non black ink not permitted. Fig(s)	becomes the right side, except for graphs. Fig(s)
Photographs may not be mounted. 37 CFR 1.84(c) Poor quality (half-note). Fig(s) 3. TYPE OF PAPER. 37 CFR 1.84(t) Paper not flexible, strong, white, and durable. Fig(s) Ensures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Mylar, velum paper is not acceptable (too thin). Fig(s) 1. SIZE OF PAPER. 37 CFR 1.84(t): Acceptable sizes: 2.1.6 cm by 2.9 cm (0.1) Nizer A4) 2.1.6 cm by 2.9 cm (0.1) Nizer A4 2.1.6 cm b	2. PHOTOGRAPHS, 37 CFR 1.84(b)	Scale not large enough to show most a few and the
Poor quality (half-lone). Fig(s) 3. TYPE OF PAPER. 37 CFR 1.84(e) Paper not flexible, strong, white, and durable. Fig(s) Ensures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Mylar, vehum paper is not accepted. Fig(s) Mylar, vehum paper is not acceptable (too thin). Fig(s) 1. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 2.1.0 cm by 29.7 cm (B1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) Drawings sheets not an acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 81/2 x 11 Mignospot acceptable. Fig(s) Top (T) Left (L) Right (R) Bottom (B) VIEWS 37 CFR 1.84(h)(2) Brackers not labeled separately or properly. Fig(s) Brackers not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) 10. CHARACTER OF LINES, NUMBERS, & LETTERS. Fig(s) Lines, numbers & cletters not uniformly thick and well defined clean, dyrable, and black (poor line quality). Fig(s) Lines, unthers. & letters not uniformly thick and well defined clean, dyrable, and black (poor line quality). Fig(s) Solid black shading not permitted. Fig(s) Solid black shading not permitted. Fig(s) Solid black shading not used. (poor line quality). Fig(s) Numbers and reference characters not oriented in the same size. Fig(s) Numbers and reference characters not oriented in the same direction as the veil. 37 CFR 1.84(p)(1) Fig(s) Numbers and reference characters not oriented in the same direction as the veil. 37 CFR 1.84(p)(2) Fig(s) Numbers and reference characters not oriented in the same direction as the veil. 37 CFR 1.84(p)(2) Fig(s) Numbers and reference characters not oriented in the same direction as the veil. 37 CFR 1.84(p)(2) Fig(s) Numbers and reference	I full-tone set is required. Fig(s)	crowding when drawing is reduced in size to two thirds in
3. TYPE OF PAPER. 37 CFR L84(c)	Poor quality (half-tone) Fig(s)	reproduction.
Paper not flexible, strong, while, and durable. Fig(s) Erissures, alterations, overwritings, interlineations, todds, copy machine marks not acceptable. Fig(s) Mylan, vehim paper is not acceptable (too thin). Mylan, vehim paper is not acceptable (too thin). J. SIZE OF PAPER, 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (B1 2x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) Drawings sheets not an acceptable size. Fig(s) MARGINS, 37 CFR 1.84(g). Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: Myland acceptable. Fig(s) MIRGINS, 20 acceptable. Fig(s) Mirgins, 20 acceptable. Fig(s) Mirgins, 37 CFR 1.84(h)	3. TYPE OF PAPER. 37 CFR 1.84(e)	Fig(s)
Figs. Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Mediar, velum paper is not acceptable (too thin). Fig(s) SIZE OF FAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (B1N size A4) 21.0 cm by 27.9 cm (8 1.2 x 11 inches) And drawing sheets not an acceptable size. Fig(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(p) SiZE: 8 1/2 x 11 Marghesot acceptable. Fig(s) Figs. Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Marghesot acceptable. Fig(s) Figs. Top (T) VIEWS. 37 CFR 1.84(p) Bottom (B) A2 A3 Size Figs. Figs. Views not labeled separately or properly. Fig(s) Fig(s) Views not labeled separately or properly. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or	Paper not flexible, strong, white, and durable.	10. CHARACTER OF LINES, NUMBERS, & LETTERS.
folds, copy machine marks not accepted. Fig(s) Mylar, velum paper is not acceptable (too thin). Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 29.7 cm (BIN size A4) 21.6 cm by 29.7 cm (DIN size A4) 22.6 cm by 29.7 cm (DIN size A4) 23.6 cm by 29.7 cm (DIN size A4) 24.6 cm by 29.7 cm (DIN size A4) 25.6 cm by 29.7 cm (DIN size A4) 26.6 cm by 21.6 cm by 29.7 cm (DIN size A4) 26.6 cm by 21.6 cm by 29.7 cm (DIN size A4) 27.6 cm by 29.7 cm (DIN size A4) 28.6 cm by 29.7 cm (DIN size A4) 29.6 cm by 29.7 cm (D	Fig(s)	Lines numbers & letters and C
Mylar, velum paper is not acceptable (too thin). Fig(s) I. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 27.9 cm (DIN size A4) 21.6 cm by 27.9 cm (Bl 18.2 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Megrasoo acceptable. Fig(s) Right (R) Bottom (B) A 37 CFR 1.84(p)(1) Fig(s) Figure tegends are poor. Fig(s) Fig(s) Fig(s) Fig(s) Fig(s) Fig(s) Fig(s) Fig(s) Reminder and reference characters not plain and legible. Fig(s) Fig(s) Fig(s) Fig(s) I. SHADING. 7CFR 1.84(m) Solid black areas pale. Fig(s) Shade lines, pale, rough and blurred. Fig(s) I. SHADING. 7CFR 1.84(m) Solid black areas pale. Fig(s) Shade lines, pale, rough and blurred. Fig(s) Fig(s	Erasures, alterations, overwritings, interlineations,	defined clean, durable, and black (poor line quality)
Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.0 cm by 29.7 cm (Bill space and blured Fig(s) 22.0 mulbers, and reference characters not plain and legible. 23.0 cm (DIN size A4) 24.0 p 25.0 cm (DIN size A4) 26.0 cm (DIN size A4) 27.0 cm (DIN size A4) 28.0 cm (DIN size A4) 29.0 cm (DIN size A4) 20.0 cm (DIN size A4) 21.0 cm (DIN size A4) 20.0 cm (DIN size A4) 20.0 cm (DIN size A4 size Are Eference Characters not plain and legible. 20.0 cm (DIN size A4) 20.	Mylor with a property of the marks not accepted. Fig(s)	Fig(s) (-3) Fig(s) (-3)
SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 27.9 cm (DIN size A4) 21.6 cm by 27.9 cm (SI 23 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins and acceptable. Fig(s) Top (T) Left (L) Right (R) Bottom (B) 4.2 cm (1/8 inch) in height. 37 CFR 1.84(p)(1) Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Solid black shading not permitted. Fig(s) Shade lines, pale, rough and olurred. Fig(s) Shade lines, pale, rough and olurred. Fig(s) Shade lines, pale, rough and olurred. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Fig(s) Fig(s) Left (L) 2. cm (1/8 inch) in height. 37 CFR 1.84(p)(2) Fig(s) Lead lines cross each other. Fig(s) Lead lines cross each other. Fig(s) Lead lines cross each other. Fig(s) Lead lines missing. Fig(s) 13. LEAD LINES. 37 CFR 1.84(p)(3) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Solid black shading not used for color contrast. Fig(s) Solid black shading not used for color contrast. Fig(s) Solid black shading not used for color contrast.	Fig(s)	11. SHADING. 37 CFR 1.84(m)
2.1.0 cm by 2.7.9 cm (DIN size A4) 2.1.0 cm by 2.7.9 cm (B1/2 x I1 inches) All drawing sheets not the same size. Shee(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 I/2 x I1 Margins and acceptable. Fig(s) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) Brackts needed to show figure as one entity. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Shael lines, pale, rough and blurred. Fig(s) Numbers, Reference characters not plain and legible. Fig(s) Numbers and reference characters not oriented in the same directions as the view. 37 CFR 1.84(p)(1) Fig(s) English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) Lead lines missing. Fig(s) 13. LEAD LINES. 37 CFR 1.84(q) Lead lines missing. Fig(s) 14. NUMBERING OF VIEWS. 37 CFR 1.84(l) Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Shee(s) Views not labeled separately or properly. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or	4. SIZE OF PAPER. 37 CFR 1 SI(f): Accordable signs	Solid black areas pale. Fig(s) 2)
21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Magins and acceptable. Fig(s) Top (T) Right (R) Bottom (B) WIEWS. 37 CFR 1.84(p) (2) Brackets needed to show figure as one entity. Fig(s) English alphabet not used. 37 CFR 1.84(p)(3) Brackets needed to show figure as one entity. Fig(s) English alphabet not used. 37 CFR 1.84(p)(3) Brackets needed to show figure as one entity. Fig(s) English alphabet not used. 37 CFR 1.84(p)(3) Brackets needed to show figure as one entity. Fig(s) English alphabet not used. 37 CFR 1.84(p)(3) Fig(s) Lead lines cross each other. Fig(s) Lead lines cross cach other. Fig(s) Lead lines missing. Fig(s) 14. NUMBERING OF VIEWS. 37 CFR 1.84(u) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s)	21.0 cm by 29.7 cm (DIN size A4)	Solid black shading not permitted. Fig(s)
Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable: Fig(s) Right (R) Right (R) Bottom (B) VIEWs. 37 CFR 1.84(p) Brackets needed to show figure as one entity. Fig(s) Partial views. 37 CFR 1.84(h/2) Brackets needed to show figure as one entity. Fig(s) Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) MARGINS. 37 CFR 1.84(p) Left (2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers. letters and reference characters must be at least 1.84 in plabet not used. 37 CFR 1.84(p)(2) Fig(s) Numbers. letters and reference characters mot plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Number	21.6 cm by 27.9 cm (8 1/2 x 11 inches)	Shade lines, pale, rough and blurred. Fig(s)
Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Size: A5 Size Top (T) Margins of acceptable Fig(s) Left (L) Fig(s) Fig(s) Left (L) Fig(s) Lead lines cross each other. Fig(s) Lead lines missing. Fig(s) Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Socional designation should be noted with Arabic or Socional designation should be noted with Arabic or Socional designation shou	All drawing sheets not the same size.	33 CFR 1.84(n)
MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins got acceptable. Fig(s) Right (R) WIEWS 37 CFR 1.84(h) Bottom (B) Parkets needed to show figure as one entity. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Figure legends are poor. Fig(s) Numbers and reference characters must be at least same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Leglish alphabet not used. 37 CFR 1.84(p)(2) Fig(s) Jac cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) Lead Lines 73 CFR 1.84(q) Lead lines cross each other. Fig(s) Lead lines cross each other. Fig(s) Lead lines cross each other. Fig(s) Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s)	Sheel(s)	Numbers and reference characters not plain and bacible
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11	MARGINS 37 CER 1 94(x) A control by Size. Fig(s)	Fig(s) 4 3
SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Right (R) Bottom (B) VIEWS 37 CFR 1.84(h)(2) Bracks needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Top (T) Left (L) A 7 CFR 1.84(p)(2) Figs Numbers. letters and reference characters must be at least 3.2 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Figs Numbers. letters and reference characters must be at least 1.3 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Lead lines cross each other. Fig(s) Lead lines cross each other. Fig(s) Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) Corrections not made from prior PTO-948 dated 17. DESIGN DRAWINGS. 37 CFR 1.152 Surface shading shown not appropriate. Fig(s) Solid black shading not used for color contrast. Fig(s) Solid black shading not used for color contrast.	A MARKOTTO. 37 CFR 1.84(g): Acceptable margins:	Figure legends are poor. Fig(s)
SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Marghs got acceptable. Fig(s) Top (T) Left (L) Right (R) Bottom (B) VIEWS 37 CFR 1.84(h) Bottom (B) Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) SIZE: 8 1/2 x 11 Fig(s) English alphabet not used. 37 CFR 1.84(p)(2) Figs Numbers. letters and reference characters must be at least 3.2 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) Lead lines cross each other. Lead lines cross each other. Fig(s) Lead lines cross each other. Fig(s) Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) Views not numbered consecutively, and in Arabic numerals beginning with number 1. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s)	Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm	Numbers and reference characters not oriented in the
English alphabet not used. 37 CFR 1.84(p)(2) SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Left (L) Right (R) Right (R) Reminder: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) English alphabet not used. 37 CFR 1.84(p)(2) Figs Numbers. letters and reference characters must be at least 3.32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) Lead Lines cross each other. Fig(s) Lead lines missing. Fig(s) 14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t) Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Size: 8 1/2 x 11 Left (L) Figs Numbers. letters and reference characters must be at least 3.32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Lead Lines cross each other. Fig(s) Lead lines cross each other. Fig(s) Lead lines cross each other. Fig(s) Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Fig(s) Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) Corrections not made from prior PTO-948 dated 17. DESIGN DRAWINGS. 37 CFR 1.152 Surface shading shown not appropriate. Fig(s) Solid black shading not used for color contrast. Fig(s) Solid black shading not used for color contrast.	SIZE: A4 Size	same direction as the view. 37 CFR 1.84(p)(1)
SIZE: 8 1/2 x 11 Margins on acceptable. Fig(s) Right (R) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) Brackets needed to show figure as one entity. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Left (L) Aught (R) Bottom (B) Aught (R) Numbers. letters and reference characters must be at least 3.2 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) Lead Lines: 37 CFR 1.84(q) Lead lines cross each other. Fig(s) Sheets not numbered consccutively, and in Arabic numerals beginning with number 1. Sheet(s) Views not numbered consccutively, and in Arabic numerals beginning with number 1. Fi	Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	Figlish alphabet not used 27 CFD 1 044 200
Right (R) Bottom (B) A A S S T CFR 1.84(p) (3) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Lead lines cross each other. Fig(s) Lead lines missing. Fig(s) Lead lines missing. Fig(s) Lead lines missing. Fig(s) Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) Views not labeled separately or properly. Fig(s) Sig(s) Enlarged view not labeled separately or properly. Fig(s) SectionAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Fig(s) Sig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s)	SIZE: 8 1/2 x 11 11 - 12 VAL 15/201	A JOSA Pies
Right (R) Bottom (B) A A S S T CFR 1.84(p) (3) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Lead lines cross each other. Fig(s) Lead lines missing. Fig(s) Lead lines missing. Fig(s) Lead lines missing. Fig(s) Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) Views not labeled separately or properly. Fig(s) Sig(s) Enlarged view not labeled separately or properly. Fig(s) SectionAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Fig(s) Sig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s)	Margins dol acceptable. Fig(s)	Numbers, letters and reference characters must be at least
VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) SECTIONAL VIEWS. 37 CFR 1.84(h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) 13. LEAD LINES. 37 CFR 1.84(q) Lead lines cross each other. Fig(s) Lead lines missing. Fig(s) Lead lines missing. Fig(s) Lead lines missing. Fig(s) Lead lines cross each other. Fig(s) Lead lines missing. Fig(s) Lead lines missing. Fig(s) Lead lines cross each other. Fig(s) Lead lines missing. Fig(s) Lead lines cross each other. The lad of t		.32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) SECTIONAL VIEWS. 37 CFR 1.84(h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s)	VIEWS 37 CFR LS4(h)	Fig(s)
correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) SectionAL VIEWS. 37 CFR 1.84(h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Ead lines missing. Fig(s) 14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t) Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) CORRECTIONS. 37 CFR 1.84(w) Corrections not made from prior PTO-948 dated 17. DESIGN DRAWINGS. 37 CFR 1.52 Surface shading shown not appropriate. Fig(s) Solid black shading not used for color contrast. Fig(s) Fig(s) Fig(s)	REMINDER: Specification may require revision to	13. LEAD LINES. 37 CFR 1.84(q)
Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) 14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t) Sheets not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) Locar Ections. 37 CFR 1.84(w) Corrections not made from prior PTO-948 dated 17. DESIGN DRAWINGS. 37 CFR 1.152 Surface shading shown not appropriate. Fig(s) Solid black shading not used for color contrast. Fig(s) Fig(s)	correspond to drawing changes.	Lead lines cross each other. Fig(s)
Fig(s) Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) She	Partial views. 37 CFR 1.84(h)(2)	14. NUMBERING OF SHEETS OF DRAWINGS 27 CFR 1 040
Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional for indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s)	Brackets needed to show figure as one entity.	Sheets not numbered consecutively, and in Arabic numberals
Fig(s) Enlarged view not labeled separetely or properly. Enlarged view not labeled separetely or properly. Fig(s) Sectional VIEWS. 37 CFR 1.84(u) Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) Sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Solid black shading not used for color contrast. Fig(s) Sectional designation should be noted with Arabic or Solid black shading not used for color contrast. Fig(s) Selid black shading not used for color contrast.		ocginning with number 1. Sheet(s)
Enlarged view not labeled separetely or properly. Fig(s) 16. CORRECTIONS. 37 CFR 1.84(w) SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) 4ated 17. DESIGN DRAWINGS. 37 CFR 1.152 Fig(s) 5ctional designation should be noted with Arabic or Solid black shading not used for color contrast. Roman numbers. Fig(s) 5lig(s)	Fig(s)	15. NUMBERING OF VIEWS, 37 CFR 1.84(ii)
Fig(s)		Views not numbered consecutively, and in Arabic numerals,
SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) To DESIGN DRAWINGS. 37 CFR 1.152 Surface shading shown not appropriate. Fig(s) Solid black shading not used for color contrast. Fig(s) Fig(s)	Fig(s)	beginning with number 1. Fig(s)
Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Solid black shading not used for color contrast. Roman numbers. Fig(s) Selid black shading not used for color contrast. Fig(s) Solid black shading not used for color contrast.		Contections not made from orior PTO 0.19
Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Fig(s) Fig(s) Fig(s) Fig(s) Fig(s) Fig(s)	SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)	dated
Sectional designation should be noted with Arabic or Solid black shading not used for color contrast. Roman numbers. Fig(s) Fig(s) Fig(s)	Hatching not indicated for sectional portions of an object.	17. DESIGN DRAWINGS. 37 CFR 1.152
Roman numbers. Fig(s) Solid black shading not used for color contrast. Fig(s)		Surface shading shown not appropriate. Fig(s)
· · · · · · · · · · · · · · · · · · ·	Roman numbers. Fig(s)	Solid black shading not used for color contrast.
OMMENTS	16(3)	Fig(s)
OMMENTS ,		
OMMENTS		
	COMMENTS	

 \mathcal{O} telephone no. $_$

Attachment for PTO-948 (Rev. 03/01, or earlier) 6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings MUST be filed within the THREE MONTH shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, MUST be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings MUST be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.